

**ABSTRACT OF THE DISCLOSURE**

A system and a process for converting analog or digital video presentations such that the presentations remain within a browser as used in Intranet or Internet related applications or the like. A process for modified encoding, proprietary implementation using constant prediction based vectoring to eliminate image error factors resulting in a convergence of quality while eliminating arbitrary positioning to reduce bandwidth transfer rates, multiplexing of variable bit streams, encryption, thread manipulation, plug-in technologies, browser resource utilization, and a unique method of caching, buffering, synchronization, timing, and on-line installation of the plug-in. Further, the present invention may be used in a variety of applications including talking advertising banners, home pages, news reports, greeting cards, sports and entertainment programming, training and education, video conferencing, video E-Mail grams, internet video telephone, webcams, even wireless video telephones. The present invention may develop products including a RIO type player for streaming audio playback and storage, PDA applications, video cell phones, wearable applications, security-cams, interactive video games, interactive sports applications, archiving, VRML video applications, and 360-degree video technologies.

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